The Society of Thoracic Surgeons

STS Intermacs Database: Data Managers Survey

December 2023
Which Database Do You Abstract?

- ACSD: 61%
- Pedimacs: 15%
- Intermacs: 7%
- Intermacs & Pedimacs: 5%
- Intermacs & GTSD: 5%
- Intermacs & ACSD: 3%
- Intermacs, ACSD & GTSD: 2%
- Intermacs, ACSD & CHSD: 2%

N = 41
What Is Your Background?

- APN/PA: 52%
- Other Clinical: 13%
- QI - Non Medical: 22%
- IT - Non Medical: 7%
- RN: 6%

N = 46
How Long Have You Been Abstracting?

- 10 or more years: 13
- 5-9 years: 4
- 3-5 years: 10
- 1-2 years: 6
- <12 months: 8

N = 41
Who Do You Abstract For?

Data Abstraction Company: 2%
Hospital: 98%

N = 45
What Is Your Assigned Participant Role in the STS National Database?

- **Primary Data Contact**: 64%
- **Backup Data Contact**: 28%
- **Both Primary & Backup Data Contact**: 5%
- **Physician Representative**: 3%

N = 39
How Many Cases Do You Abstract per Month?

- Less than 5: 13
- 5 to 10: 11
- 11 to 20: 6
- 21 to 30: 1
- 31 to 40: 3
- 41 to 50: 2
- 51 or more: 2

N = 38
How Many Hours Does It Take to Abstract a Case?

- Less than 1 hour: 5
- 1 to 2 hours: 18
- 2 to 3 hours: 4
- 3 to 4 hours: 5
- More than 4 hours: 5

N = 37
What Is Your Timing of Abstraction for a Case?

- Less than 4 weeks after OR date: 2
- 1-4 weeks after OR date: 15
- Real time: 6
- Within 1 week of OR date: 14

N = 37
Do You Utilize a Third-Party Abstraction Company?

- Do Not Work at a Hospital: 87%
- Yes: 11%
- No: 2%

N = 45
What Source Do You Primarily Abstract From?

- Electronic Health Records: 97%
- Paper Scanned Records: 3%

N = 39
How Do You Abstract Data?

- Directly into the Database: 34
- Paper Form and then Submit it on the Electronic Form: 6

N = 40
Do You Have a Process in Place for Tracking Patients Post Operatively / Post Discharge?

N = 41

- Yes: 36
- No: 3
- A Mix Due to Working at Multiple Hospitals: 2
Do Your Surgeons Fill Out the Operative Section? Or Provide Information Besides the Op Note?

- No, they do not fill out anything extra, only the op note: 29
- Yes, they fill out both the operative section and some other type of form: 2
- Yes, they fill out some other type of form to help with data capture: 4
- Yes, they fill out the operative section: 4

N = 39
Is Your Surgeon Available to Answer Questions?

- Yes: 88%
- No: 12%

N = 42
How Many Cases per Year Does Your Hospital Perform?

- 27 hospitals perform 0 to 50 cases per year.
- 9 hospitals perform 50 to 100 cases per year.
- 1 hospital performs 100 to 200 cases per year.

N = 37
How Many Abstractors Are at Your Hospital?

- One Person: 61%
- Two to Three People: 33%
- Four to Six People: 6%

N = 36
What Was Your Previous Experience?

- Clinical cardiac surgery (CV OR, CVICU, Perfusion): 17
- Clinical non-cardiac surgery (cardiology, non-cardiology other medicine, medical administration): 13
- Nonclinical and not in healthcare: 1
- Nonclinical but within healthcare: 12

N = 43
What Are Your Work Responsibilities?

- Other, I do not abstract: 6 respondents
- STS Intermacs/Pedimacs and other STS Databases: 9 respondents
- STS database and other non-clinical responsibilities: 7 respondents
- STS database and other clinical responsibilities: 5 respondents
- STS and other cardiology/surgical (non-STS) databases: 9 respondents
- STS Intermacs/Pedimacs database only: 5 respondents

N = 41
Are You Aware of the STS Database Mentorship Program?

N = 36

- Aware, but not participating: 14
- Unaware of this program: 21
- Yes, participating as a mentee: 1

N = 36
Do You Find the Monthly Webinars/Quarterly Report Reviews Helpful?

- **Yes, and the amount is perfect**: 29
- **Yes, but I would like more frequent calls**: 3
- **No, they are not useful for me**: 2
- **This is my first webinar**: 4

N = 38
What Is Your Current Knowledge Level of the STS National Databas?

- Need more training: 1
- Still learning: 26
- I'm good: 11

N = 38
Have You Attended AQO in the Past?

- No, I haven't attended in the past: 37% (N = 37)
- Yes, a few times: 11%
- Yes, annually: 3%
- Yes, frequently: 22%
- Yes, once: 13%
- What is AQO?: 11%
What Areas can STS Improve Upon?

- Analysis Report Education: 31%
- Basics of the Data Warehouse Platform: 16%
- Clinical Education: 13%
- Communication: 6%
- Pre-analysis data clean-up education: 3%
- Technical Support: 3%

N = 32
Rate STS’s Communication Over the Last Year

- Poor: 1
- Average: 14
- Pretty Good: 17
- Excellent: 9

N = 41
How Often Do You Use the Intermacs Training Manual?

N = 37

- What is the Intermacs Training Manual? 3
- Yes, I review prior to submitting questions 18
- Yes, I review monthly and find it answers my question 4
- Yes, I review monthly but still have questions 12

N = 37
How Frequently Does Your Physician Representative Review the Intermacs/Pedimacs Data Quality Report?

- Always: 10
- Frequently: 10
- Occasionally: 9
- Never: 3

N = 32
How Frequently Are Queries/Reports Run Using the Live Data Downloads?

- Always: 3
- Frequently: 10
- Occasionally: 17
- Never: 3

N = 33
How Often Are Corrections Made to the Participant Data Based on the Intermacs DQR?

- Frequently: 5
- Occasionally: 19
- Never: 7

N = 31
Has Your Site Ever Been Audited by STS?

- No: 12
- Unknown: 14
- Yes: 10

N = 36
Do You Perform Internal Audits on Your Intermacs/Pedimacs Data?

- Yes: 18
- No: 12
- Unknown: 6

N = 36
Have You Ever Utilized Your STS Data for QI Projects?

- No: 5
- Unknown: 12
- Yes: 19

N = 36
For Those That Joined the AQO Hot Topics Webinar, Did You Find it Helpful?

N = 12

Yes: 12
No: 0

N = 12
For Those That Attended AQO, Did You Find it Useful?

N = 14

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>0</td>
</tr>
</tbody>
</table>
How Likely Are You to Attend an In-Person Meeting in 2024?

N = 34

- Not Happening: 3
- Not Likely: 15
- I'll Be There: 3
- Possible: 13
Does Your Institution Budget for Data Managers to Travel?

- Yes: 53%
- No: 47%

N = 32
Which Challenge Do You Face with In-Person Meetings the Most?

- Budget/Affordability: 82%
- Date/Length of meeting: 9%
- Location: 9%

N = 33
Which Challenge Do You Face with In-Person Meetings the Least?

- Budget/Affordability: 26%
- Date/Length of meeting: 42%
- Location: 32%

N = 31
Which Location Can You Travel to the Easiest?

- Chicago, IL: 7
- Denver, CO: 5
- Kansas City, MO: 5
- Nashville, TN: 8
- Orlando, FL: 13

N = 38
Which Location is the Most Difficult to Travel to?

- Chicago, IL: 6
- Denver, CO: 14
- Kansas City, MO: 9
- Nashville, TN: 4
- Orlando, FL: 5

N = 38
How Much Time Do You Spend on Completing Follow-Ups per Month?

- Less than 5 hours a month: 3
- 5 to 10 hours a month: 9
- 10 to 20 hours a month: 9
- 20 to 40 hours a month: 7
- More than 40 hours a month: 2

N = 30